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# LAMPIRAN

**Appendix A. Recapitulation of literature review requirements**

No	Journal Title	Rating	Author
1	Antioxidant and antimicrobial activities of tea infusions	Q1	Almajano <i>et al.</i>
2	Evaluation of physicochemical properties and antioxidant activities of kombucha “Tea Fungus” during extended periods of fermentation	Q2	Amarasinghe <i>et al.</i>
3	Kombucha beverage from green, black and rooibos teas: a comparative study looking at microbiology, chemistry and antioxidant activity	Q1	Gaggia <i>et al.</i>
4	A comparison between the effect of green tea and kombucha prepared from green tea on the weight of diabetic rats	Q4	Hosseini <i>et al.</i>
5	Chemical profile and antioxidant activity of the kombucha beverage derived from white, green, black and red tea	Q2	Jakubczyk <i>et al.</i>
6	Efficacy of kombucha obtained from green, oolong, and black teas on inhibition of pathogenic bacteria, antioxidation, and toxicity on colorectal cancer cell line	Q2	Kaewkod <i>et al.</i>
7	Antioxidant activity by DPPH assay of potential solutions to be applied on bleached teeth	Q2	Garcia <i>et al.</i>
8	Characteristics and upregulation of antioxidant enzymes of kitchen mint and oolong tea kombucha beverages	Q2	Tanticharakunsiri <i>et al.</i>
9	Comparison of antioxidant capacities of different types of tea using the spectroscopy methods and semi-empirical mathematical model	Q2	Bartoszek <i>et al.</i>
10	Impact of tea leaves types on antioxidant properties and bioaccessibility of kombucha	Q2	Degirmencioglu <i>et al.</i>
11	Applications of compounds from coffee processing by-products	Q2	DeHond <i>et al.</i>
12	Phenolic profiles and antioxidant activities of 30 tea infusions from green, black, oolong, white, yellow, and dark teas	Q2	Zhao <i>et al.</i>
13	Evaluation of the stability of the total antioxidant capacity, polyphenol contents, and starch hydrolase inhibitory activities of kombucha teas using an <i>in vitro</i> model of digestion	Q3	Watawana <i>et al.</i>

14	Evaluation of bioaccessibility and functional properties of kombucha beverages fortified with different medicinal plant extracts	Q2	Tamer <i>et al.</i>
15	Acid contents and the effect of fermentation condition of kombucha tea beverages on physicochemical, microbiological and sensory properties	Q2	Skocinska <i>et al.</i>
16	Utilization of soursop leaves as antihyperuricemic in functional beverage 'Herbal Green Tea'	Q3	Hardoko <i>et al.</i>
17	Antioxidant categories and mode of action	-	Aziz <i>et al.</i>
18	Application and analysis of the folin ciocalteu method for the determination of the total phenolic content from <i>Limonium Brasiliense</i> L.	Q2	Blainski <i>et al.</i>
19	Study of vitamin C level of soursop leaves ( <i>Annona muricata</i> L.) and galactomannan utilization in kombucha during fermentation	-	Candra <i>et al.</i>
20	Antioxidant activities of different solvent extracts of <i>Piper retrofractum</i> Vahl. using DPPH assay	-	Jadid <i>et al.</i>
21	An analysis of innovation on the utilization of cascara by coffee farmers	Q4	Komaria <i>et al.</i>
22	Chemical and molecular mechanisms of antioxidants: experimental approaches and model systems	Q1	Lu <i>et al.</i>
23	Novel utilization of coffee processing by-products: kombucha cascara originated from 'Gayo-Arabica'	-	Muzaifa <i>et al.</i>
24	Ashitaba ( <i>Angelica keiskei</i> ) exerts possible beneficial effects on metabolic syndrome	-	Ohkura <i>et al.</i>
1	Study of drying method and brewing ratio in process of making cascara tea from arabica coffee ( <i>Coffea arabika</i> L.)	S4	Nafisah and Widyaningsih
2	Pengukuran aktivitas antioksidan ekstrak etanol daun kelor ( <i>Moringa oleifera</i> Lam.) menggunakan metode FRAP (Ferric Reducing Antioxidant Power)	S3	Maryam <i>et al.</i>
3	The growth, yield, and quality of tea tip ( <i>Camellia sinensis</i> (L.) Kuntze) in various elevations	S3	Ayu <i>et al.</i>



4	Chemical and microbiological characteristics of kombucha from various high leaf phenols during fermentation	S4	Wistiana and Zubaidah
5	Antibacterial activity of soursoup leaves kombucha ( <i>Annona muriccata</i> L.) with different sugar concentration	S4	Yanti <i>et al.</i>
6	Antioxidant activity of kombucha powder drink from ashitaba leaves ( <i>Angelica keiskei</i> ), kersen ( <i>Muntingia calabura</i> ), and Moringa ( <i>Moringa oleifera</i> )	S4	Rosida <i>et al.</i>
7	Effect of blanching an the age of leaves on physical, chemical, and sensory characteristics of fig tea leaf ( <i>Ficus carica</i> )	S2	Amanto <i>et al.</i>
8	Kajian pengaruh perlakuan pulp dan lama penyeduhan terhadap mutu kimia teh cascara	S2	Muzaifa <i>et al.</i>
9	Characteristics of kelor ( <i>Moringa oleifera</i> ) herbal tea with fish collagen enrichment	S4	Wicaksono <i>et al.</i>
10	Formulation of antioxidant lotion containing water extract of green tea leaf ( <i>Camellia sinensis</i> L.)	S2	Faramayuda <i>et al.</i>
11	Karakteristik fisikokimia dan sensori kombucha cascara (kulit kopi ranum)	S2	Nurhayati <i>et al.</i>
12	Pengaruh jenis teh terhadap karakteristik teh kombucha	S4	Purnami <i>et al.</i>
13	Perbandingan aktivitas antioksidan dari seduhan 3 merk teh hitam ( <i>Camellia sinensis</i> (L.) Kuntze) dengan metode seduhan berdasarkan SNI 01-1902-1995	S4	Purwanti <i>et al.</i>
14	By-product of arabica and robusta coffe husk as polyphenol source for antioxidant and antibacterial	S2	Sholichah <i>et al.</i>
15	Studi aktivitas antioksidan kombucha dari berbagai jenis daun selama fermentasi	S4	Suhardini and Zubaidah
16	Uji kandungan fenolik total dan pengaruhnya terhadap aktivitas antioksidan dari berbagai bentuk sediaan sarang semut ( <i>Myrmecodia pendens</i> )	S2	Dhurhanian and Noviantto
17	Perbandinga kadar fenolik total antara seduhan daun gaharu dan kombucha daun gaharu ( <i>Aquailaria malaccensis</i> )	S4	Nurmiati and Wijayanti
18	Indonesia tea catechin: prospect and benefits	S2	Anjarsari

19	Characterization and analysis kombucha tea antioxidant activity based on long fermentation as a beverage functional	S5	Nurikasari <i>et al.</i>
20	The effect of drying temperature to the quality of cascara tea from arabica pulp ( <i>Coffea Arabica</i> )	S3	Ariya <i>et al.</i>
21	Analisis kandungan vitamin C teh kombucha berdasarkan lama fermentasi sebagai alternatif minuman untuk antioksidan	-	Puspitasari <i>et al.</i>
22	Potensi terapi <i>Moringa oleifera</i> (kelor) pada penyakit degeneratif	-	Berawi <i>et al.</i>
23	Karakteristik fisiko-kimia dan organoleptik seduhan teh hitam dengan penambahan perasan jeruk nipis ( <i>Citrus aurantifolia</i> ) dan minyak <i>Eucalyptus globulus</i>	-	Gunawan
24	Daun kersen ( <i>Muntingia calabura</i> L.) sebagai alternatif terapi pada penderita gout arthritis	-	Ilkafah
25	Daun sirsak ( <i>Annona muricata</i> ) dan potensinya sebagai anti kanker	-	Lienggonegoro and Kharirie
26	Potensi daun ashitaba ( <i>Angelica keiskei</i> ) sebagai obat anti virus dilihat dari respon kekebalan seluler pada mencit <i>BALB/C</i>	-	Wayan and Made
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